EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	position$3 same (re-order or reorder or re-position) same (search near result$1)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 07:45
L2	242	position$3 near (search near result$1)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 07:45
L3	143	position$3 near (search near result$1) and @ad<"20031231"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 07:45
L4	0	(compar$3 or reorder$3 or re-order$3) near position$3 near (search near result$1) and @ad<"20031231"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 07:46
L5	6	(compar$3 or reorder$3 or re-order$3) same position$3 near (search near result$1) and @ad<"20031231"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 07:46

225479

78

STIC EIC 2100 Search Request Form

Today's Date: 5/21/07

What date would you like to use to limit the search?

Priority Date: 12/31/03 Other:

Name Susan Kayess

AU 2167 Examiner # 77587

Room # 3C-05 Phone x1675

Serial # 10/750,109

Format for Search Results (Circle One):

(PAPER) DISK EMAIL

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB

IEEE INSPEC SPI Other _____

Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at http://ptoweb/patents/stic/stic-tc2100.htm.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Is this request for a BOARD of APPEALS case? (Circle One) YES (NO)

Is this case a SPECIAL CASE? (Circle One) YES (NO)

Inventor Steven Lawrence et al

Assignee: Google

See claim 1:

specifically: compare sort order at 1st and 2nd search results (position) sort article id of 2nd sort order into a third sort order based on comparison; create third result set.

also see c1, 7.

1st result	2nd result set	3rd
A	C	A
B	A	
	B	

placement
position changing
order
re-order
(refresh)
location
imposition
reaming
reinstruct

STIC Searcher Cheung Phone 2-3513

Date picked up 5-21 Date Completed 5-21

Search and Information Resources Administration

```
File 348:EUROPEAN PATENTS 1978-2007/ 200718
         (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070518UT=20070510
         (c) 2007 WIPO/Thomson

Set     Items   Description
S1    2014753   SORT??? OR ORDER??? OR POSITION??? OR PLACEMENT? OR LOCATI-
            ON? ? OR SEQUENCE? ?
S2     122842   S1(3N)(COMPAR??? OR COMPARAT??? OR COMPARISON? OR MATCH???
            OR MISMATCH? OR EVALUAT?)
S3     242750   S1(3N)(DETERMIN? OR ASSESS????? OR APPRAIS? OR JUDG????? OR
             JUDGE?????)
S4         40   HITLIST?
S5    1022741   RESULTS OR HITS OR REFERENCES OR RETRIEVALS OR RETRIEVED OR
             CITATIONS
S6     590768   OUTPUT? ? OR OUT()(PUT OR PUTS OR PUTTED OR PUTTING? ?)
S7    1753273   DOCUMENT? OR PUBLICATION? OR ARTICLE? OR WEBPAGE? OR RECOR-
            DS OR WEB()PAGE?
S8     188846   S4:S7(3N)(LIST? ? OR LISTED OR LISTING? ? OR SET OR SETS OR
             COMPILATION? OR GROUP???? OR BUNCH? OR ARRAY? ? OR COLLECTIO-
            N? ? OR BATCH?)
S9      23794   S4:S7(3N)(CLUSTER? OR SERIES OR LOT OR LOTS)
S10     90299   RESORT??? OR REORDER??? OR REPOSITION? OR REFRESH??? OR RE-
            ()(SORT??? OR ORDER??? OR POSITION??? OR FRESH??? OR ORGANI?)
S11    139628   REARRANG? OR RECONSTRUCT? OR REDEFIN??? OR RECONFIGUR? OR -
            READJUST? OR REORGANI?
S12      8249   RE()(ARRANG??? OR ARRANGEMENT? ? OR CONSTRUCT???? OR DEFIN-
            ??? OR CONFIGUR??? OR CONFIGURATION?)
S13    309376   S1(3N)(CHANG??? OR MANIPULAT? OR SHIFT??? OR CONFIGUR??? OR
             ADJUST????? OR ADAPT??? OR RECONCIL? OR ALTER??? OR ALTERR? -
            OR ALTERATION? ?)
S14     88687   S1(3N)(MODIFY? OR MODIFICAT? OR MODIFIE? ? OR REPROGRAM? OR
             UPDAT???? OR UP()DAT???? OR REVIS???? OR RE()PROGRAM????)
S15   1244818   THIRD OR 3RD OR TERTIARY OR THREE OR TRIO? ? OR TRIPART? OR
             TRIPLE? ?
S16   1536178   LIST? ? OR LISTED OR LISTING? ? OR SET OR SETS OR COMPILAT-
            ION? OR GROUP????
S17    485944   BUNCH? OR ARRAY? ? OR COLLECTION? ? OR BATCH?
S18    616985   CLUSTER? OR SERIES OR LOT OR LOTS
S19     94488   S15(2W)S16:S18
S20    187956   (ANOTHER OR DIFFERENT OR ADDITIONAL OR SUBSEQUEN? OR HETER-
            OGEN? OR ALTERNAT? OR INDEPENDENT? OR INHOMOGEN?)(2W)S16:S18
S21    162027   (SEP?RATE OR NEW OR FRESH OR OTHER)(2W)S16:S18
S22       543   RE()ORGANIZ??????
S23       482   (S10:S14 OR S22)(10N)S19
S24        50   S23(100N)S2:S3
S25      2352   (S10:S14 OR S22)(10N)S20:S21
S26       176   S25(100N)S2:S3
S27        24   S26(100N)(S4 OR S8:S9)
S28       765   S19(30N)S2:S3
S29        51   S28(100N)(S4 OR S8:S9)
S30        29   S23(50N)S2:S3
S31        89   S27 OR S29:S30
S32        44   S31 AND AC=US/PR AND AY=(1963:2003)/PR
S33        44   S31 AND AC=US AND AY=1963:2003
S34        44   S31 AND AC=US AND AY=(1963:2003)/PR
S35        53   S31 AND PY=1963:2003
S36        61   S32:S35
S37        61   IDPAT (sorted in duplicate/non-duplicate order)
S38        42   IDPAT (primary/non-duplicate records only)
S39        20   S24 NOT S31
S40        11   S39 AND AC=US/PR AND AY=(1963:2003)/PR
S41        11   S39 AND AC=US AND AY=1963:2003
S42        11   S39 AND AC=US AND AY=(1963:2003)/PR
```

S43	16	S39 AND PY=1963:2003
S44	16	S40:S43
S45	16	IDPAT (sorted in duplicate/non-duplicate order)
S46	16	IDPAT (primary/non-duplicate records only)

? t38/5,k/1,39

38/5,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01413108
DATA COMPILING METHOD
DATENZUSAMMENSTELLUNGSVERFAHREN
PROCEDE DE COMPILATION DE DONNEES
PATENT ASSIGNEE:
Turbo Data Laboratories Inc., (3191482), 1101-7, Matsumi-cho 4-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0005, (JP), (Applicant designated States: all)
INVENTOR:
FURUSHO, Shinji, Court House Kikuna 804, 1101-7, Matsumi-cho 4-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0005, (JP)
LEGAL REPRESENTATIVE:
Zimmermann, Gerd Heinrich et al (78964), Zimmermann & Partner, Postfach 33 09 20, 80069 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1315100 A1 030528 (Basic)
WO 2002010976 020207
APPLICATION (CC, No, Date): EP 2001956768 010730; WO 2001JP6530 010730
PRIORITY (CC, No, Date): JP 2000231029 000731
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS (V7): G06F-017/30
CITED PATENTS (WO A): XP 2945527
CITED REFERENCES (WO A):
WO 10103 A1
JP 63298626 A
JP 60247732 A
JP 2000339390 A
JP 2001043290 A
UNOKI M.: 'Sybase IQ: the approach to the data warehouse by the original data structure' TECHNICAL REPORT OF IEICE vol. 97, no. 415, 02 December 1997, pages 51 - 56, XP002945527;

ABSTRACT EP 1315100 A1
A data compiling method for conversion into the form of an information block containing a value list in which table format data expressed as an array of records including items and item values contained in the items are so arranged that the item values are arranged in a predetermined order without any redundancy, and a position designation array including position designation numbers designating the item values in the value list and related to the record numbers. Adjoining partial intermediate blocks (811-0, 811-1) which include an item value array having item values related to the record numbers, an order designation array (VLP) for designating the positions of the item values in the item value array, and a position designating array (PV) for designating elements in the order designation array are merged to create a new partial intermediate block (812-0), and the operation of merging the partial intermediate blocks is repeated till the blocks are merged into one.
ABSTRACT WORD COUNT: 157
NOTE:
Figure number on first page: 8ABC

LEGAL STATUS (Type, Pub Date, Kind, Text):
Application: 020403 A1 International application. (Art. 158(1))
Application: 020403 A1 International application entering European phase
Application: 030528 A1 Published application with search report
Examination: 030528 A1 Date of request for examination: 20030131

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200322	1608
SPEC A	(English)	200322	9273
Total word count - document A			10881
Total word count - document B			0
Total word count - documents A + B			10881

...CLAIMS value array.
2. A data compiling method according to Claim 1, wherein the step of determining elements of the order designating array comprises the steps of:
creating a new order designating array; and
comparing item values in a first partial intermediate block and item values in a second partial...

...sequentially from the higher ones of the new order designating array; wherein the step of determining elements of the position designating array comprises the steps of:
creating a position designation redefining array for designating the new order designating array ; and
locating elements for specifying values located in the new order designating array at corresponding positions in the position designation redefining array in the first partial intermediate block or second partial intermediate block when the values...

...a step of converting the values of the position designating array in the position designation redefining array and obtaining a new position designating array .
3. A data compiling method according to Claim 1 or 2, further comprising, after creating...

...readable storage medium storing data compiling method for converting table format data represented as an array of records each including an item and an item value included therein into an information block form...

...item value array.
5. A storage medium according to Claim 4, wherein the step of determining elements of the order designating array comprises the steps of:
creating a new order designating array; and
comparing item values in a first partial intermediate block and item values in a second partial...sequentially from the higher ones of the new order designating array; wherein the step of determining elements of the position designating array comprises the steps of:
creating a position designation redefining array for designating the new order designating array ; and
locating elements for specifying values located in the new order designating array at corresponding positions in the position designation redefining array in the first partial intermediate block or second partial intermediate block when the values...

...a step of converting the values of the position designating array in the position designation redefining array and obtaining a new position designating array .
6. A storage medium according to Claim 4 or 5, further comprising, after creating one...

...computer to execute a data compiling method for converting table format data represented as an array of records each including an item and an item value included therein into an information block form...

38/5,K/39 (Item 39 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00474266 **Image available**
APPARATUS AND METHODS FOR AN INFORMATION RETRIEVAL SYSTEM THAT EMPLOYS NATURAL LANGUAGE PROCESSING OF SEARCH RESULTS TO IMPROVE OVERALL PRECISION
APPAREIL ET PROCEDES POUR SYSTEME D'EXTRACTION D'INFORMATION UTILISANT LE TRAITEMENT EN LANGAGE NATUREL DES RESULTATS DE RECHERCHE POUR AMELIORER LA PRECISION GLOBALE
Patent Applicant/Assignee:
MICROSOFT CORPORATION,
Inventor(s):
BRADEN-HARDER Lisa,
CORSTON Simon H,
DOLAN William B,
VANDERWENDE Lucy H,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9905618 A1 19990204
Application: WO 98US9711 19980513 (PCT/WO US9809711)
Priority Application: US 97898652 19970722
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
CN JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Main International Patent Class (v7): G06F-017/30
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 20517

English Abstract
Apparatus and accompanying methods for an information retrieval system that utilizes natural language processing to process results retrieved by, for example, an information retrieval engine such as a conventional statistical-based search engine, in order to improve overall precision. Specifically, such a search ultimately yields a set of retrieved documents. Each such document is then subjected to natural language processing to produce a set of logical forms. Each such logical form encodes, in a word-relation-word manner, semantic relationships, particularly argument and adjunct structure, between words in a phrase. A user-supplied query is analyzed in the same manner to yield a set of corresponding logical forms therefor. Documents are ranked as a predefined function of the logical forms from the documents and the query. Specifically, the set of logical forms for the query is then compared against a set of logical forms for each of the retrieved documents in order to ascertain a match between any such logical forms in both sets. Each document that has at least one matching logical forms is heuristically scored, with each different relation for a matching logical forms being assigned a different corresponding predefined weight. The score of each such document is, e.g., a predefined function of the weights of its uniquely matching logical forms. Finally, the retained documents are ranked in order of descending score and then presented to a user in that order.

French Abstract
Appareils et procedes associes, pour un systeme de recherche d'information utilisant le traitement en langage naturel pour traiter les resultats extraits, par exemple, par un moteur d'extraction d'information comme un moteur de recherche a base statistique classique, afin d'ameliorer la precision globale. Ladite recherche permet notamment de

produire en final un ensemble de documents extraits. Chaque document est ensuite soumis a un traitement en langue naturelle de sorte qu'un ensemble de formes logiques soit produit. Chaque forme logique code, en mode mot-relation-mot, les relations semantiques, notamment la structure d'argument et d'adjonction, entre les mots d'une phrase. Une demande formulee par l'utilisateur est analysee de la meme maniere de sorte qu'un ensemble de formes logiques correspondantes soit produit. Les documents sont classes en fonction, de maniere predeterminee, des formes logiques provenant des documents et de la demande. Specifiquement, l'ensemble de formes logiques pour la demande est ensuite compare a un ensemble de formes logiques pour chacun des documents extraits, de maniere qu'un appariement soit etabli entre chaque forme logique des deux ensembles. Chaque document qui presente au moins une forme logique appariee est evalue de maniere heuristique, un poids predefini different et correspondant different etant attribue a chaque relation differente pour une forme logique appariee. L'evaluation de chaque document est fonction, par exemple, de maniere predeterminee, des poids de ses formes logiques appariees uniques. Les documents retenus sont ensuite classes dans l'ordre decroissant puis presentes a un utilisateur dans cet ordre.

Patent and Priority Information (Country, Number, Date):
  Patent: ... 19990204
Fulltext Availability:
  Detailed Description
Publication Year: 1999

Detailed Description
... with our invention.
  In accordance with our specific teachings,
  @such a search ultimately yields a set of retrieved
  documents from, e.g. a database or the world wide web.

  Each document is then subjected...

...analyzed in the same manner to
  -1 2
  yield a set of corresponding logical form triples
  therefor. The set of logical forms for the query is
  then compared to the sets of logical forms associated
  with each of the retrieved documents in order to
  ascertain a match between logical forms from the query
  set and logical forms from each document set .

  Documents that produce no matches are eliminated from
  further consideration. Each remaining document is then
  heuristically...
?

```
File   2:INSPEC 1898-2007/May W2
         (c) 2007 Institution of Electrical Engineers
File   6:NTIS 1964-2007/May W3
         (c) 2007 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1884-2007/May W2
         (c) 2007 Elsevier Eng.  Info. Inc.
File  34:SciSearch(R) Cited Ref Sci 1990-2007/May W3
         (c) 2007 The Thomson Corp
File  35:Dissertation Abs Online 1861-2007/Apr
         (c) 2007 ProQuest Info&Learning
File  65:Inside Conferences 1993-2007/May 21
         (c) 2007 BLDSC all rts. reserv.
File  95:TEME-Technology & Management 1989-2007/May W2
         (c) 2007 FIZ TECHNIK
File  99:Wilson Appl. Sci & Tech Abs 1983-2007/Apr
         (c) 2007 The HW Wilson Co.
File 144:Pascal 1973-2007/May W2
         (c) 2007 INIST/CNRS
File 256:TecInfoSource 82-2007/Jun
         (c) 2007 Info.Sources Inc
File 266:FEDRIP 2007/Apr
         Comp & dist by NTIS, Intl Copyright All Rights Res
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 2006 The Thomson Corp
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File 438:Library Lit. & Info. Science 1984-2007/Apr
         (c) 2007 The HW Wilson Co
File  56:Computer and Information Systems Abstracts 1966-2007/May
         (c) 2007 CSA.
File  60:ANTE: Abstracts in New Tech & Engineer 1966-2007/May
         (c) 2007 CSA.

Set     Items   Description
S1    8549012   SORT??? OR ORDER??? OR POSITION??? OR PLACEMENT? OR LOCATI-
            ON? ? OR SEQUENCE? ?
S2     234710   S1(3N)(COMPAR??? OR COMPARAT??? OR COMPARISON? OR MATCH???
            OR MISMATCH? OR EVALUAT?)
S3     294256   S1(3N)(DETERMIN? OR ASSESS????? OR APPRAIS? OR JUDG????? OR
             JUDGE?????)
S4         96   HITLIST?
S5   12174320   RESULTS OR HITS OR REFERENCES OR RETRIEVALS OR RETRIEVED OR
             CITATIONS
S6    1187042   OUTPUT? ? OR OUT()(PUT OR PUTS OR PUTTED OR PUTTING? ?)
S7    2631199   DOCUMENT? OR PUBLICATION? OR ARTICLE? OR WEBPAGE? OR RECOR-
            DS OR WEB()PAGE?
S8     279549   S4:S7(3N)(LIST? ? OR LISTED OR LISTING? ? OR SET OR SETS OR
             COMPILATION? OR GROUP???? OR BUNCH? OR ARRAY? ? OR COLLECTIO-
            N? ? OR BATCH?)
S9      80501   S4:S7(3N)(CLUSTER? OR SERIES OR LOT OR LOTS)
S10     82493   RESORT??? OR REORDER??? OR REPOSITION? OR REFRESH??? OR RE-
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S11    930855   REARRANG? OR RECONSTRUCT? OR REDEFIN??? OR RECONFIGUR? OR -
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S12      5789   RE()(ARRANG??? OR ARRANGEMENT? ? OR CONSTRUCT???? OR DEFIN-
            ??? OR CONFIGUR??? OR CONFIGURATION?)
S13    179818   S1(3N)(CHANG??? OR MANIPULAT? OR SHIFT??? OR CONFIGUR??? OR
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            OR ALTERATION? ?)
S14     45642   S1(3N)(MODIFY? OR MODIFICAT? OR MODIFIE? ? OR REPROGRAM? OR
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S15   5971175   THIRD OR 3RD OR TERTIARY OR THREE OR TRIO? ? OR TRIPART? OR
             TRIPLE? ?
S16   7162437   LIST? ? OR LISTED OR LISTING? ? OR SET OR SETS OR COMPILAT-
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            ION? OR GROUP????
S17   1596828   BUNCH? OR ARRAY? ? OR COLLECTION? ? OR BATCH?
S18   2594695   CLUSTER? OR SERIES OR LOT OR LOTS
S19    208723   S15(2W)S16:S18
S20    213227   (ANOTHER OR DIFFERENT OR ADDITIONAL OR SUBSEQUEN? OR HETER-
           OGEN? OR ALTERNAT? OR INDEPENDENT? OR INHOMOGEN?)(2W)S16:S18
S21    217587   (SEP?RATE OR NEW OR FRESH OR OTHER)(2W)S16:S18
S22       737   S10:S14(10N)S19
S23        37   S22 AND S2:S3
S24      1719   S10:S14(10N)S20:S21
S25        41   S24 AND S2:S3
S26      1291   S19(30N)S2:S3
S27        94   S26 AND (S4 OR S8:S9)
S28       169   S23 OR S25 OR S27
S29       139   S28 NOT (ACID? OR PROTEIN? OR DNA? OR RNA? OR PIXEL? OR LA-
           SER? OR ROBOT?)
S30        18   S29/2004:2007
S31       121   S29 NOT S30
S32        83   RD  (unique items)
? t32/9/17

 32/9/17     (Item 17 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2007 Institution of Electrical Engineers. All rts. reserv.

03780668   INSPEC Abstract Number: C87003730
   Title:   Effectiveness  and  efficiency  of  agglomerative  hierarchic
 clustering  in  document  retrieval
  Author(s): Voorhees, E.M.
  Issued by: Cornell Univ., Ithaca, NY, USA
  Publication Date: Oct. 1985  Country of Publication: USA    177 pp.
  Report Number: TR 85-705
  Language: English    Document Type: Report (RP)
  Treatment: Experimental (X)
  Abstract: The report systematically compares the different clustering
methods  and cluster search strategies that have been introduced in earlier
work  in  order  to  determine  the  most  effective  and efficient cluster
searches.  It  then  compares  the efficiency and effectiveness of suitable
cluster  searches  to  that  of  the  inverted  index  search in  order  to
 determine   when one search is to be preferred over the other. The  three
 clustering    methods to be investigated are the single link, the complete
link,  and  the  group  average  link  methods.  Each  of the methods is an
instance  of  a  general class of clustering methods known as agglomerative
hierarchic  methods.  Two  different  searching  strategies,  bottom-up and
top-down,  and  two  different selection mechanisms, retrieving clusters in
their  entirety and retrieving individual  documents  from within  clusters
,  are explored. The experiments were performed using the SMART information
retrieval  system, the P-normal model of information retrieval was used.  (
53 Refs)
  Subfile: C
  Descriptors: information retrieval
  Identifiers: agglomerative hierarchic clustering; document retrieval;
clustering methods; cluster search strategies; cluster searches; inverted
index search; SMART information retrieval system; P-normal model
  Class Codes: C7250  (Information storage and retrieval)
```

```
File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)
         (c) 2007 JPO & JAPIO
File 350:Derwent WPIX 1963-2007/UD=200730
         (c) 2007 The Thomson Corporation

Set     Items   Description
S1    5009404   SORT??? OR ORDER??? OR POSITION???                    [-
           ON? ? OR SEQUENCE? ?
S2      49715   S1(3N)(COMPAR??? OR COMPARAT??? OR                    ?
           OR MISMATCH? OR EVALUAT?)
S3     133983   S1(3N)(DETERMIN? OR ASSESS????? O                     OR
           JUDGE?????)
S4          8   HITLIST?
S5     419809   RESULTS OR HITS OR REFERENCES OR RETRIEVALS OR RETRIEVED OR
           CITATIONS
S6    2385568   OUTPUT? ? OR OUT()(PUT OR PUTS OR PUTTED OR PUTTING? ?)
S7     646878   DOCUMENT? OR PUBLICATION? OR ARTICLE? OR WEBPAGE? OR RECOR-
           DS OR WEB()PAGE?
S8      87804   S4:S7(3N)(LIST? ? OR LISTED OR LISTING? ? OR SET OR SETS OR
           COMPILATION? OR GROUP???? OR BUNCH? OR ARRAY? ? OR COLLECTIO-
           N? ? OR BATCH?)
S9      16319   S4:S7(3N)(CLUSTER? OR SERIES OR LOT OR LOTS)
S10     44433   RESORT??? OR REORDER??? OR REPOSITION? OR REFRESH??? OR RE-
           ()(SORT??? OR ORDER??? OR POSITION??? OR FRESH??? OR ORGANI?)
S11     72014   REARRANG? OR RECONSTRUCT? OR REDEFIN??? OR RECONFIGUR? OR -
           READJUST? OR REORGANI?
S12      3190   RE()(ARRANG??? OR ARRANGEMENT? ? OR CONSTRUCT???? OR DEFIN-
           ??? OR CONFIGUR??? OR CONFIGURATION?)
S13    300208   S1(3N)(CHANG??? OR MANIPULAT? OR SHIFT??? OR CONFIGUR??? OR
           ADJUST????? OR ADAPT??? OR RECONCIL? OR ALTER??? OR ALTERR? -
           OR ALTERATION? ?)
S14     21298   S1(3N)(MODIFY? OR MODIFICAT? OR MODIFIE? ? OR REPROGRAM? OR
           UPDAT???? OR UP()DAT???? OR REVIS???? OR RE()PROGRAM????)
S15   1236845   THIRD OR 3RD OR TERTIARY OR THREE OR TRIO? ? OR TRIPART? OR
           TRIPLE? ?
S16     37011   S15(2W)(LIST? ? OR LISTED OR LISTING? ? OR SET OR SETS OR -
           COMPILATION? OR GROUP???? OR BUNCH? OR ARRAY? ? OR COLLECTION?
           ? OR BATCH?)
S17      2322   S15(2W)(CLUSTER? OR SERIES OR LOT OR LOTS)
S18       198   S10:S14(10N)S16:S17
S19        11   S18 AND S2:S3
S20        11   S18 AND (S4 OR S8:S9)
S21        21   S19:S20
S22         6   S21 AND AC=US/PR AND AY=(1963:2003)/PR
S23        16   S21 AND AC=US AND AY=1963:2003
S24        16   S21 AND AC=US AND AY=(1963:2003)/PR
S25        15   S21 AND PY=1963:2003
S26        17   S22:S25
S27        17   IDPAT (sorted in duplicate/non-duplicate order)
S28        17   IDPAT (primary/non-duplicate records only)
S29    584387   CLUSTER? OR SERIES OR LOT OR LOTS
S30      5212   (ANOTHER OR DIFFERENT OR ADDITIONAL OR SUBSEQUEN? OR HETER-
           OGEN? OR ALTERNAT? OR INDEPENDENT? OR INHOMOGEN?)(2W)S29
S31      4994   (SEP?RATE OR NEW OR FRESH OR OTHER)(2W)S29
S32   3559142   LIST? ? OR LISTED OR LISTING? ? OR SET OR SETS OR COMPILAT-
           ION? OR GROUP????
S33    501257   BUNCH? OR ARRAY? ? OR COLLECTION? ? OR BATCH?
S34     53343   (ANOTHER OR DIFFERENT OR ADDITIONAL OR SUBSEQUEN? OR HETER-
           OGEN? OR ALTERNAT? OR INDEPENDENT? OR INHOMOGEN?)(2W)S32:S33
S35     41855   (SEP?RATE OR NEW OR FRESH OR OTHER)(2W)S32:S33
S36       533   (S10:S14)(10N)(S30:S31 OR S34:S35)
S37        23   S36 AND S2:S3
S38        23   S37 NOT S21
S39       633   S16:S17 AND S2:S3
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Patents abstracts (Nothing relevant)

S40 41 S39 AND (S4 OR S8:S9)
S41 64 S38 OR S40
S42 63 S41 NOT S21
S43 34 S42 AND AC=US/PR AND AY=(1963:2003)/PR
S44 53 S42 AND AC=US AND AY=1963:2003
S45 53 S42 AND AC=US AND AY=(1963:2003)/PR
S46 52 S42 AND PY=1963:2003
S47 59 S43:S46
S48 59 IDPAT (sorted in duplicate/non-duplicate order)
S49 59 IDPAT (primary/non-duplicate records only)

49/69,K/13 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0013318258 - Drawing available
WPI ACC NO: 2003-405580/ 200339
XRPX Acc No: N2003-323496
Sorting parcels for delivery by optical scanning to decode characters on parcels comprising identifiers
Patent Assignee: RAUH I (RAUH-I); ROSENBAUM W (ROSE-I); SIEMENS DEMATIC AG (SIEI); SIEMENS AG (SIEI)
Inventor: RAUH I; ROSENBAUM W
Patent Family (4 patents, 27 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
EP 1298552	A1	20030402	EP 2001123444	A	20010928	200339	B
US 20040118907	A1	20040624	US 2001969973	A	20011004	200444	NCE
EP 1298552	B1	20061108	EP 2001123444	A	20010928	200674	E
US 7154060	B2	20061226	US 2001969973	A	20011004	200702	NCE

Priority Applications (no., kind, date): EP 2001123444 A 20010928; US 2001969973 A 20011004

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 1298552	A1	EN	9	6	
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
US 20040118907	A1	EN	8		
EP 1298552	B1	EN			
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR					

Alerting Abstract EP A1

NOVELTY - Method consists in decoding a parcel identifier by optical scanning, matching the identifier to a sort code uniquely associated with a delivery address, loading the parcel into a rack space, generating a list of identifiers matched to sort codes, generating a list comprising parcel sequence and rack space, merging the lists to cross check the new list with a list of possible matches and generating a fifth list of possible matches. The lists are stored in databases and a manifest is generated. The racks are mobile and have movable partitions.

USE - Method is for automating manifest generation, parcel placement in racks and controlled access to the parcels when preparing vehicles for delivery rounds.

ADVANTAGE - Method avoids the driver having to sort and load parcels, generate a manifest or plan a delivery route and reduces error.

DESCRIPTION OF DRAWINGS - The figure shows a flowchart of the sorting method.

Title Terms/Index Terms/Additional Words: SORT; PARCEL; DELIVER; OPTICAL; SCAN; DECODE; CHARACTER; COMPRISE; IDENTIFY

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
B07C-0003/00 A I R 20060101
G06Q-0010/00 A I F B 20060101
B07C-0005/00 A I F B 20060101
B07C-0003/00 C I R 20060101
G06Q-0010/00 C I L B 20060101
US Classification, Issued: 705401000, 198370010, 209535000, 235375000, 209584000, 209900000, 700224000, 700226000

File Segment: EngPI; EPI;
DWPI Class: T01; T05; P43; Q35
Manual Codes (EPI/S-X): T01-N01A2E; T05-K02

...a delivery address, loading the parcel into a rack space, generating a list of identifiers matched to sort codes, generating a list comprising parcel sequence and rack space, merging the lists to cross...

Original Publication Data by Authority

Original Abstracts:
...held (22) or overhead (20), as well as a videocoding device. The parcel information is matched to a sort code (174, 176), a unique code for a unique delivery address. A list of matched identification and sort codes (30, 32) and delivery addresses and sort codes (42) is then saved for later...

...35). An end user (44) enters a select list of addresses in search of possible hits from the saved lists (66, 68). A hit list (70) is generated and sorted by the order of addresses...reader, hand held or overhead, as well as a videocoding device. The parcel information is matched to a sort code, a unique code for a unique delivery address. A list of matched identification and sort codes and delivery addresses and sort codes is then saved for later search, sort, and...

...and retrieval. An end user enters a select list of addresses in search of possible hits from the saved lists . A hit list is generated and sorted by the order of addresses in the search...
...reader, hand held or overhead, as well as a videocoding device. The parcel information is matched to a sort code, a unique code for a unique delivery address. A list of matched identification and sort codes and delivery addresses and sort codes is then saved for later search, sort, and...

...and retrieval. An end user enters a select list of addresses in search of possible hits from the saved lists . A hit list is generated and sorted by the order of addresses in the search...
Claims:
...decoding, matching loading for a plurality of parcels (194);generating a first list comprising identifiers matched to sort codes (38, 49);generating a second list comprising parcel sequence and rack space (35, 36);merging said first and second list to form a third list (62);cross checking said third list with a fourth list for possible matches therebetween (64, 66, 68); andgenerating a fifth l...of decoding, matching loading for a plurality of parcels (194);- generating a first list comprising identifiers matched to sort codes (38, 49);- generating a second list comprising parcel sequence and rack space (35, 36);- merging said first and second list to form a third list (62);- cross checking said third list with a fourth list comprising addresses (66) inputted by a user (44) for possible m...steps of decoding, matching loading for a plurality of parcels;generating a first list comprising identifiers matched to sort codes;generating a second list comprising parcel sequence

and rack space;merging said first and second list to form a third list;cross checking said third list with a fourth list for possible matches therebetween; andgenerating a fifth list comprising...

...of decoding, matching and loading for a plurality of parcels;generating a first list comprising identifiers matched to sort codes;generating a second list comprising parcel sequence and rack space;merging said first and second list to form a third list;cross checking said third list with a fourth list for possible matches therebetween; andgenerating a fifth list comprising...
Basic Derwent Week: 200339

49/69,K/24 (Item 24 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0010339995 - Drawing available
WPI ACC NO: 2000-655137/ 200063
XRPX Acc No: N2000-485554
Geocoding method of database of computer system, involves generating several matches of first and second data field record sets and sorting matched sets by centroids for generating third record sets
Patent Assignee: MAPINFO CORP (MAPI-N)
Inventor: ESPOSITO D J
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6101496	A	20000808	US 199893259	A	19980608	200063 B

Priority Applications (no., kind, date): US 199893259 A 19980608

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6101496	A	EN	21	12	

Alerting Abstract US A
NOVELTY - The method involves generating several matches of first and second data field record sets and sorting the matched sets by centroids of first set of records . The matched set is selected with the highest precision centroids. The geographically ordered data fields of the second set is added to the records matched in first set to generate a third record set .
DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.computer program for geocoding database;

2.computer

USE - For geocoding database of computer system.
ADVANTAGE - Provides direction, street side placement and other location information based on anchor points which are known, precisely geocoded records within OI data set.
DESCRIPTION OF DRAWINGS - The figure shows the flow diagram of computer program.

Title Terms/Index Terms/Additional Words: METHOD; DATABASE; COMPUTER; SYSTEM; GENERATE; MATCH; FIRST; SECOND; DATA; FIELD; RECORD; SET; SORT; THIRD

Class Codes
International Classification (Main): G06F-017/30
US Classification, Issued: 707006000, 379220000, 701207000, 701208000, 705010000, 705062000, 707003000, 707004000, 707005000, 707007000,

707104000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05B1; T01-J05B4; T01-S03

...computer system, involves generating several matches of first and second data field record sets and sorting matched sets by centroids for generating third record sets

Alerting Abstract ...The method involves generating several matches of first and second data field record sets and sorting the matched sets by centroids of first set of records . The matched set is selected with the highest precision centroids. The geographically ordered data fields of the second set is added to the records matched in first set to generate a third record set . ...anchor points which are known, precisely geocoded records within OI data set.

Original Publication Data by Authority

Claims:
...improving a geocoded database comprising the steps of:comparing a first set of geocoded database records to second set of records containing inherent geographic information ,said first set of records each comprising a first number of data fields including data representing an identification of a geographic location corresponding to the record...

...a centroid with lowest precision;said second set of records comprising inherent geographically ordered data fields where said data represents a unique identification of a geographic location and the proximity of one record...

...corresponding to the data fields of the records in the first set;generating a plurality of matches where a record in the first set has a data field that matches a data field of a...

...the second set;sorting the matched sets by the centroids of the first set of records ;selecting matched sets with the highest precision centroids;adding the geographically ordered data fields of the second set to the records matched in the first set to generate a third set of records. Basic Derwent Week: 200063
? t49/69,k/30

49/69,K/30 (Item 30 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0009252720 - Drawing available
WPI ACC NO: 1999-180303/ 199915
Related WPI Acc No: 2000-095859
XRPX Acc No: N1999-132456
Speech recognition method for words having liaisons
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: BAHL L R; DE GENNARO S V; DESOUZA P V; EPSTEIN E A; LE ROUX J; LEWIS B L; WAAST-RICHARD C
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 5875426	A	19990223	US 1996662407	A	19960612	199915	B

Priority Applications (no., kind, date): US 1996662407 A 19960612

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5875426	A	EN	8	4	

Alerting Abstract US A

NOVELTY - Input utterances are identified and the nature of words under consideration determined. The method identifies whether the word is a liaison acceptor and if so, it is determined whether the preceding word is a liaison generator. When the preceding word is a liaison generator, a new base form is added to the list of words that are sent to a detailed match.

DESCRIPTION - Speech input into the recognition system is represented as a temporal sequence of frames, each an acoustic parameter of the utterance at one of a succession of brief time periods. A first match list of most probable candidates is generated against the system vocabulary. The first match is analyzed to output a second list , essentially producing a ranked list of the most probable matches between the sequence of one or more frames and words in the system. Words in the second list that can accept a liaison phoneme from an immediately preceding word are selected, the selected match in the second match list representing a current word.

The liaison generator is identified as a word that ends with an unpronounced consonant phoneme when followed by a word beginning with a consonant phoneme. The word characteristically also ends with a pronounced phoneme when followed by a word with a beginning selected from the group consisting of a vowel and a vowel-like phoneme. The second match list is amended and words are added that represent placement of the liaison phoneme at the beginning of the current word, the output being a third match list . Based on a highest ranking of most probable matches in the sequence of frames, the chosen word is then output.

USE - For dealing with charges in word pronunciation owing to word liaisons.

ADVANTAGE - By concatenating the liaison phone to the phonetic base forms of the words likely to be pronounced word liaisons, a set of extra phonetic base forms able to handle liaisons is obtained.

DESCRIPTION OF DRAWINGS - The figure shows the flow diagram of the speech recognition method.

Title Terms/Index Terms/Additional Words: SPEECH; RECOGNISE; METHOD; WORD

Class Codes
International Classification (Main): G10L-005/06
US Classification, Issued: 704255000, 704252000

File Segment: EngPI; EPI;
DWPI Class: T01; W04; P86
Manual Codes (EPI/S-X): T01-C08A; T01-J18; W04-V; W04-V01; W04-V04A; W04-V05C

Alerting Abstract ...most probable candidates is generated against the system vocabulary. The first match is analyzed to output a second list , essentially producing a ranked list of the most probable matches between the sequence of one or more frames and words in the system. Words in the second list...

...of the liaison phoneme at the beginning of the current word, the output being a third match list . Based on a highest ranking of most probable matches in the sequence of frames, the chosen word is then output...

Original Publication Data by Authority

Claims:
...periods; generating a first match list of most probable matches between a sequence of one or more of the frames and words in the system vocabulary; analyzing the first match to output a second match list, where

the second match list establishes a ranking of the most probable matches between the sequence of one or more of the frames and words in the system vocabulary; selecting each match in the second match list that can...

...a third match list; selecting a word from the third match list having the highest ranking of the most probable match to the sequence of frames.

```
File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)
         (c) 2007 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2007/ 200718
         (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070518UT=2007051C
         (c) 2007 WIPO/Thomson
File 350:Derwent WPIX 1963-2007/UD=200730
         (c) 2007 The Thomson Corporation

Set     Items   Description
S1         51   AU='LAWRENCE S'
S2         24   AU='LAWRENCE S R':AU='LAWRENCE S R H'
S3         24   AU='LAWRENCE STEPHEN'
S4         38   AU='LAWRENCE STEPHEN R':AU='LAWRENCE
S5         14   AU='LAWRENCE STEPHEN 306 UPHOLLAND ROAD ORRELL WIG':AU='LA-
              WRENCE STEVE'
S6          4   AU='LAWRENCE STEVEN'
S7          1   AU='LAWRENCE STEVEN 104 TAMASSEE DRIVE JOHNSON CIT'
S8        571   AU='WANG N':AU='WANG N Y L'
S9          9   AU='WANG NINIANE'
S10        10   AU='BHATLA N':AU='BHATLA NIKHIL'
S11       678   S1:S10
S12     42981   RESULT? ?(3N)SET? ?
S13      1109   S12(10N)(QUERY? OR QUERIE? ?)
S14        15   S11 AND S13
? t14/5/1-12

 14/5/1     (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2007 European Patent Office. All rts. reserv.

02240550
Document scoring based on query analysis
Auf Abfrageanalysen basierender Dokumentahnlichkeitswert
Marquage de document base sur l'analyse de requete
PATENT ASSIGNEE:
  Google, Inc., (5114902), 1600 Amphitheatre Parkway, Building 41, Mountain
    View, CA 94043, (US), (Applicant designated States: all)
INVENTOR:
  Dean, Jeffrey, 3179 Stockton Place, Palo Alto, CA 94303, (US)
  Haahr, Paul, 4222 22nd Street, San Francisco, CA 94114, (US)
  Henzinger, Monika, Chemin Du Chano 18, 1802, Corseaux, (CH)
   Lawrence, Steve , 2400 West El Camino RealApt.  204, Mountain View, CA
    94040, (US)
  Pfleger, Karl, 450 Del Medio Avenue, Mountain View, CA 94040, (US)
  Sercinoglu, Olcan, 2400 West El Camino RealApt.  716, Mountain View, CA
    94040, (US)
  Tong, Simon, 541 Del Medio AvenueApt.  319, Mountain View, CA 94040, (US)
LEGAL REPRESENTATIVE:
  Betten & Resch (101033), Patentanwalte, Theatinerstrasse 8, 80333 Munchen
    , (DE)
PATENT (CC, No, Kind, Date):  EP 1777633  A2  070425 (Basic)
APPLICATION (CC, No, Date):   EP 2006125569 040915;
PRIORITY (CC, No, Date): US 507617 P 030930; US 748664 031231
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
  HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR
RELATED PARENT NUMBER(S) - PN (AN):
  EP 1668551  (EP 2004784004)
RELATED EARLIER NUMBER(S) - PN (AN):
     (EP 2004784004)
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
  G06F-0017/30     A I F B 20060101 20070319 H EP
```

ABSTRACT EP 1777633 A2
A system (125) identifies a document and obtains one or more types of history data associated with the document. The system (125) may generate a score for the document based, at least in part, on the one or more types of history data,
ABSTRACT WORD COUNT: 44
NOTE:
Figure number on first page: 3

LEGAL STATUS (Type, Pub Date, Kind, Text):
Application: 070425 A2 Published application without search report
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200717	1277
SPEC A	(English)	200717	9921
Total word count - document A			11198
Total word count - document B			0
Total word count - documents A + B			11198

14/5/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

02228122
Document scoring based on traffic associated with a document
Auf dem mit einem Dokument verbundenen Verkehr basierender Dokumentahnlichkeitswert
Marquage de document base sur le trafic associe a un document
PATENT ASSIGNEE:
Google, Inc., (5114902), 1600 Amphitheatre Parkway, Building 41, Mountain View, CA 94043, (US), (Applicant designated States: all)
INVENTOR:
Lawrence, Steve , 2400 West El Camino RealApt. 204, Mountain View, CA 94040, (US)
LEGAL REPRESENTATIVE:
Betten & Resch (101033), Patentanwalte, Theatinerstrasse 8, 80333 Munchen , (DE)
PATENT (CC, No, Kind, Date): EP 1775666 A2 070418 (Basic)
APPLICATION (CC, No, Date): EP 2006125571 040915;
PRIORITY (CC, No, Date): US 507617 P 030930; US 748664 031231
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR
RELATED PARENT NUMBER(S) - PN (AN):
EP 1668551 (EP 2004784004)
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
G06F-0017/30 A I F B 20060101 20070314 H EP

ABSTRACT EP 1775666 A2
A system (125) identifies a document and obtains one or more types of history data associated with the document. The system (125) may generate a score for the document based, at least in part, on the one or more types of history data.
ABSTRACT WORD COUNT: 44
NOTE:
Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):
Application: 070418 A2 Published application without search report
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count

CLAIMS A	(English)	200716	1108
SPEC A	(English)	200716	9926
Total word count - document A			11034
Total word count - document B			0
Total word count - documents A + B			11034

14/5/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

02228121
Document scoring based on link-based criteria
Auf linkbasierten Kriterien basierender Dokumentahnlichkeitswert
Marquage de document base sur des criteres bases sur des liens
PATENT ASSIGNEE:
Google, Inc., (5114902), 1600 Amphitheatre Parkway, Building 41, Mountain View, CA 94043, (US), (Applicant designated States: all)
INVENTOR:
Acharya, Anurag, 1401 Pollord Road, Campbell, CA 95008, (US)
Cutts, Matt, 116 Hilary Avenue, Mountain View, CA 94040, (US)
Dean, Jeffrey, 3179 Stockton Place, Palo Alto, CA 94303, (US)
Haahr, Paul, 4222 22nd Street, San Francisco, CA 94114, (US)
Henzinger, Monika, Chemin Du Chano 18, 1802, Corseaux, (CH)
Lawrence, Steve , 2400 West El Camino Real Apt. 204, Mountain View, CA 94040, (US)
Pfleger, Karl, 450 Del Medio Avenue, Mountain View, CA 94040, (US)
Tong, Simon, 541 Del Medio Avenue Apt. 319, Mountain View, CA 94040, (US)
LEGAL REPRESENTATIVE:
Betten & Resch (101033), Patentanwalte, Theatinerstrasse 8, 80333 Munchen , (DE)
PATENT (CC, No, Kind, Date): EP 1775665 A2 070418 (Basic)
APPLICATION (CC, No, Date): EP 2006125570 040915;
PRIORITY (CC, No, Date): US 507617 P 030930; US 748664 031231
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR
RELATED PARENT NUMBER(S) - PN (AN):
EP 1668551 (EP 2004784004)
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
G06F-0017/30 A I F B 20060101 20070314 H EP

ABSTRACT EP 1775665 A2
A system (125) identifies a document and obtains one or more types of history data associated with the document. The system (125) may generate a score for the document based, at least in part, on the one or more types of history data.
ABSTRACT WORD COUNT: 44
NOTE:
Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):
Application: 070418 A2 Published application without search report
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200716	1604
SPEC A	(English)	200716	9923
Total word count - document A			11527
Total word count - document B			0
Total word count - documents A + B			11527

14/5/4 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01296442 **Image available**

PROFILE BASED CAPTURE COMPONENT FOR MONITORING EVENTS IN APPLICATIONS
ELEMENT DE SAISIE FONDE SUR LE PROFIL PERMETTANT DE CONTROLER DES EVENEMENTS DANS DES APPLICATIONS

Patent Applicant/Assignee:
GOOGLE INC, 1600 Amphitheatre Parkway, Mountain View, CA 94043, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
DENG Jian Gong, 950 E. Hillsdale Blvd. #302, Foster City, CA 94404, US, US (Residence), US (Nationality), (Designated only for: US)
LAWRENCE Stephen , 2400 W. El Camino Real, Apt. 204, Mountain View, CA 94040, US, US (Residence), AU (Nationality), (Designated only for: US)
PRINCE Christopher M, 550 Mariposa Avenue, Mountain View, CA 94041, US, US (Residence), US (Nationality), (Designated only for: US)
IONESCU Mihai F, 777 W. Middlefield Rd., Apt. 186, Mountain View, CA 94043, US, US (Residence), RO (Nationality), (Designated only for: US)
Legal Representative:
RIBERA Hector J (et al) (agent), Fenwick & West LLP, 801 California Street, Mountain View, CA 94041, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 2005103900 A1 20051103 (WO 05103900)
Application: WO 2005US3386 20050204 (PCT/WO US05003386)
Priority Application: US 2004814773 20040331
Parent Application/Grant:
Related by Continuation to: US 2004814773 20040331 (CIP)
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US (patent) UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-011/30
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 12108

English Abstract
An indexing system in a computer system may include applications, a capture processor, a queue, a search engine, and a display processor. The indexing system captures events of user interactions with the applications. Events are queued and if indexable, indexed and stored for user access through the search engine. Capture components in the capture processor can include a keyboard capture component that processes user keystrokes to determine events. A display capture component captures event data from windows associated with the applications. Display event data can be captured on a polling schedule or based on state changes of window elements. To determine target applications and window applications of interest application profiles and window profiles can be used.

French Abstract

La presente invention concerne un systeme d'indexation dans un systeme informatique pouvant comprendre des applications, un processeur de saisie, une file d'attente, un moteur de recherche, et un processeur d'affichage. Le systeme d'indexation capture les evenements concernant les interactions de l'utilisateur avec les applications. Les evenements sont places dans des files d'attente et, si ils peuvent etre indexes, sont indexes et stockes afin que l'utilisateur puissent y acceder par l'intermediaire d'un moteur de recherche. Les elements de saisie dans le processeur de saisie peuvent comprendre un element de saisie clavier qui traite les frappes de l'utilisateur afin de determiner les evenements. Un element de saisie ecran capture les donnees d'evenement depuis les fenetres associees aux applications. Les donnees d'evenement ecran peuvent etre capturees sur un calendrier d'invitations a emettre ou en fonction des modifications d'etat des elements de fenetres. Il est possible d'utiliser des profils d'applications et des profils de fenetre pour determiner des applications cibles et des applications de fenetres presentant un interet.

Legal Status (Type, Date, Text)
Publication 20051103 A1 With international search report.

14/5/5 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01291390 **Image available**
METHODS AND SYSTEMS FOR INFORMATION CAPTURE AND RETRIEVAL
PROCEDES ET SYSTEMES DE CAPTURE ET D'EXTRACTION D'INFORMATIONS
Patent Applicant/Assignee:
GOOGLE INC, 1600 Amphitheatre Parkway, Mountain View, CA 94043, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
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MARMAROS David, 450 Del Medio, Mountain View, CA 94040, US, US (Residence), CA (Nationality), (Designated only for: US)
WANG Niniane , 2305 Monroe Street, #8, Santa Clara, CA 95050, US, US (Residence), US (Nationality), (Designated only for: US)
KHAN Omar Habib, 2 Velma Drive, Toronto, Ontario M8Z 2N3, CA, CA (Residence), CA (Nationality), (Designated only for: US)
IONESCU Mihai Florin, 777 West Middlefield Road, #186, Mountain View, CA 94043, US, US (Residence), RO (Nationality), (Designated only for: US)
Legal Representative:
TRUESDALE Sabra-Anne (et al) (agent), Fenwick & West LLP, 801 California Street, Mountain View, CA 94041, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200598594 A2 20051020 (WO 0598594)
Application: WO 2005US10985 20050330 (PCT/WO US05010985)
Priority Application: US 2004814773 20040331; US 2004881584 20040630
Parent Application/Grant:
Related by Continuation to: US 2004814773 20040331 (CIP)
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US (patent) UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-007/00
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 10756

English Abstract
Systems and methods that identify and extract information from articles are described. In one embodiment, a search engine implements a method comprising capturing an event in real time upon the occurrence of the event, wherein the event comprises a user interaction with an article on a client device, wherein the article is capable of being associated with at least one of a plurality of client applications, determining if the event should be indexed, and if the event should be indexed, indexing the event and storing the event and at least a portion of content associated with the article.

French Abstract
L'invention concerne des systemes et des procedes permettant d'identifier et d'extraire des informations a partir d'articles. Dans un mode de realisation, un moteur de recherche met en oeuvre un procede consistant : a capturer un evenement en temps reel lors de la survenue de l'evenement, l'evenement comprenant une interaction utilisateur avec un article sur un dispositif client, l'article pouvant etre associe a au moins une application d'une pluralite d'applications client, a determiner si l'evenement doit etre indexe, et si l'evenement doit etre indexe, a indexer l'evenement et a stocker l'evenement et au moins une partie du contenu associe a l'article.

Legal Status (Type, Date, Text)
Publication 20051020 A2 Without international search report and to be republished upon receipt of that report.

14/5/6 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01291295 **Image available**
SYSTEMS AND METHODS FOR WEIGHTING A SEARCH QUERY RESULT
SYSTEMES ET PROCEDES D'EVALUATION D'UN RESULTAT D'UNE DEMANDE DE RECHERCHE
Patent Applicant/Assignee:
GOOGLE INC, 1600 Amphitheatre Parkway, Mountain View, CA 94043, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
LAWRENCE Stephen R , 2400 W. El Camino Real, #204, Mountain View, CA 94040, US, US (Residence), AU (Nationality),
WANG Niniane , 2305 Monroe Street, #8, Santa Clara, CA 95050, US, US (Residence), US (Nationality),
MARMAROS David, 450 Del Medio, Mountain View, CA 94040, US, US (Residence), CA (Nationality),
Legal Representative:
TRUESDALE Sabra-Anne et al (agent), Fenwick & West LLP, 801 California Street, Mountain View, CA 94041, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200598592 A2-A3 20051020 (WO 0598592)
Application: WO 2005US10688 20050330 (PCT/WO US2005010688)
Priority Application: US 2004815074 20040331
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM
ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL
PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-007/00

International Patent Class (v8 + Attributes)
IPC + Level Value Position Status Version Action Source Office:
G06F-0017/00 A I F B 20060101 H US
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 16791

English Abstract
Systems and methods for weighting a search query result are described. In one described system, a program, such as a query system, determines a first article identifier associated with a source and receives an input signal indicating an interest in the first article identifier. The query system then determines a second article identifier associated with the source and determines a score associated with the second article identifier based at least in part on the input signal.

French Abstract
L'invention concerne des systemes et des procedes d'evaluation d'un resultat d'une demande de recherche. Dans l'un des systemes decrits, un programme, notamment un systeme de demande, determine un premier identificateur d'article associe a une source et recoit un signal d'entree indiquant un interet dans le premier identificateur d'article. Le systeme de demande determine ensuite un second identificateur d'article associe a la source et determine un score associe au second identificateur base au moins en partie sur le signal d'entree.

Legal Status (Type, Date, Text)
Publication 20051020 A2 Without international search report and to be republished upon receipt of that report.
Search Rpt 20061207 Late publication of international search report
Republication 20061207 A3 With international search report.
Republication 20061207 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

14/5/7 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01291294 **Image available**
METHODS AND SYSTEMS FOR STRUCTURING EVENT DATA IN A DATABASE FOR LOCATION AND RETRIEVAL
PROCEDES ET SYSTEMES POUR STRUCTURER DES DONNEES D'EVENEMENTS DANS UNE BASE DE DONNEES PERMETTANT LA LOCALISATION ET LA RECUPERATION
Patent Applicant/Assignee:
GOOGLE INC, 1600 Amphitheatre Parkway, Mountain View, CA 94043, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:

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KHAN Omar Habib, 2 Velma Drive, Toronto, Ontario M8Z 2N3, CA, CA (Residence), CA (Nationality), (Designated only for: US)
Legal Representative:
TRUESDALE Sabra-Anne (et al) (agent), Fenwick & West LLP, 801 California Street, Mountain View, CA 94041, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200598591 A2 20051020 (WO 0598591)
Application: WO 2005US10687 20050330 (PCT/WO US05010687)
Priority Application: US 2004815071 20040331
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-007/00
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 11835

English Abstract
Methods and systems are provided for configuring event data representing activity within a computer, which allows that article to be more readily accessed by a search engine. In one embodiment, an event associated with an article is captured, wherein the event comprises event data, the event is indexed, a related event object is created related to the event, wherein the related event object comprises a set of one or more related events, and the related event object is associated with the one or more related events.

French Abstract
L'invention concerne des procedes et des systemes permettant de configurer des donnees d'evenements representant une activite dans un ordinateur, ce qui permet a un moteur de recherche d'acceder plus facilement a l'article. Dans un mode de realisation, un evenement associe a un article est capture, l'evenement comprenant des donnees d'evenement, l'evenement etant indexe, un objet d'evenement associe relatif a l'evenement etant cree, l'objet d'evenement associe comprenant un ensemble d'un ou de plusieurs evenements associes et l'objet d'evenement associe etant associe a l'evenement ou aux evenements associe(s).

Legal Status (Type, Date, Text)
Publication 20051020 A2 Without international search report and to be republished upon receipt of that report.

14/5/8 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01291293 **Image available**
METHODS AND SYSTEMS FOR PROCESSING MEDIA FILES

PROCEDES ET SYSTEMES DE TRAITEMENT DE FICHIERS MEDIA

Patent Applicant/Assignee:
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Patent Applicant/Inventor:
AUERBACH David Benjamin, Apartment 3, 200 Saint Johns Place, Brooklyn, NY 11217, US, US (Residence), US (Nationality),
LAWRENCE Stephen R , 2400 W. El Camino Real #204, Mountain View, CA 94040, US, US (Residence), AU (Nationality),
MARMAROS David, 450 Del Medio, Mountain View, CA 94040, US, US (Residence), CA (Nationality),
Legal Representative:
TRUESDALE Sabra-Anne (agent), Fenwick & West LLP, 801 California Street, Mountain View, CA 94041, US

Patent and Priority Information (Country, Number, Date):
Patent: WO 200598590 A2-A3 20051020 (WO 0598590)
Application: WO 2005US10686 20050330 (PCT/WO US2005010686)
Priority Application: US 2004813895 20040331
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-007/00

International Patent Class (v8 + Attributes)
IPC + Level Value Position Status Version Action Source Office:
G06F-0017/30 A I F B 20060101 H US
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 9797

English Abstract
Systems and methods for processing media files are described. In one embodiment, one or more events are captured having associated event data and associated with a client device, wherein each event is associated with an article and at least one of the articles is a media file, wherein at least one of the events is captured in real time upon the occurrence of the event, at least some of the event data and articles associated with the events are indexed and stored, a search query is received, and the at least one media file is determined as relevant to the search query.

French Abstract
Des systemes et des procedes de traitement de fichiers media. Dans un mode de realisation, un ou plusieurs evenements sont captures ayant des donnees evenement associees et associees a un dispositif client, chaque evenement etant associe a un article et au moins un des articles est un fichier media. Au moins un des evenements est capture en temps reel apres l'occurrence de l'evenement, au moins certaines des donnees evenement et des articles associes aux evenements sont indexes et memorises, une demande de recherche est recue et au moins un fichier media est determine comme etant pertinent pour la demande de recherche.

Legal Status (Type, Date, Text)
Publication 20051020 A2 Without international search report and to be republished upon receipt of that report.
Search Rpt 20070201 Late publication of international search report
Republication 20070201 A3 With international search report.

14/5/9 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01291292 **Image available**
METHODS AND SYSTEMS FOR PROCESSING EMAIL MESSAGES
PROCEDES ET SYSTEMES DE TRAITEMENT DE MESSAGES COURRIEL
Patent Applicant/Assignee:
GOOGLE INC, 1600 Amphitheatre Parkway, Mountain View, CA 94043, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
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KHAN Omar Habib, 2 Velma Drive, Toronto, Ontario M8Z 2N3, CA, CA (Residence), CA (Nationality), (Designated only for: US)
LAWRENCE Stephen R , 2400 West El Camino Real, #204, Mountain View, CA 94040, US, US (Residence), AU (Nationality), (Designated only for: US)
IONESCU Mihai Florin, 777 West Middlefield Road, #186, Mountain View, CA 94043, US, US (Residence), RO (Nationality), (Designated only for: US)
Legal Representative:
TRUESDALE Sabra-Anne (et al) (agent), Fenwick & West LLP, 801 California Street, Mountain View, CA 94041, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200598642 A2 20051020 (WO 0598642)
Application: WO 2005US10685 20050330 (PCT/WO US05010685)
Priority Application: US 2004814999 20040331
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-015/16
International Patent Class (v7): G06F-015/173
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 10611

English Abstract
Systems and methods for processing email messages are describe. In one embodiment, the occurrence of a condition is determined indicating at least one email message transfer of an email message by an email application, wherein determining the occurrence of the condition is external to the email application, the email message is identified, wherein the email message comprises event data, an email event is compiled from at least some of the event data, and the email event is

indexed.

French Abstract
Des systemes et des procedes de traitement de messages courriel. Dans un mode de realisation, l'occurrence d'une condition est determinee par l'indication d'au moins un transfert de message courriel d'un message courriel par application courriel, la determination de l'occurrence de la condition est externe a l'application courriel, le message courriel etant identifie. Le message courriel comprend des donnees d'evenement, un evenement courriel est compile a partir d'au moins certaines des donnees evenement et l'evenement courriel est indexe.

Legal Status (Type, Date, Text)
Publication 20051020 A2 Without international search report and to be republished upon receipt of that report.

14/5/10 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01258987 **Image available**
SYSTEMS AND METHODS FOR UNIFICATION OF SEARCH RESULTS
SYSTEMES ET PROCEDES POUR UNIFIER DES RESULTATS DE RECHERCHE
Patent Applicant/Assignee:
GOOGLE INC, 1600 Amphitheatre Parkway, Mountain View, CA 94043, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
MARMAROS David, 450 Del Medio, Mountain View, CA 94040, US, US (Residence), CA (Nationality), (Designated only for: US)
BHATLA Nikhil , 376 E. Washington Avenue, #1, Sunnyvale, CA 94086, US, US (Residence), US (Nationality), (Designated only for: US)
LAWRENCE Stephen R , 2400 W. El Camino Real, #204, Mountain View, CA 94040, US, US (Residence), AU (Nationality), (Designated only for: US)
Legal Representative:
SACHS Robert R (agent), Fenwick & West LLP, Silicon Valley Center, 801 California Street, Mountain View, CA 94041, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200566842 A1 20050721 (WO 0566842)
Application: WO 2004US39366 20041122 (PCT/WO US04039366)
Priority Application: US 2003749998 20031231
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-017/30
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 6440

English Abstract
Systems and methods for the unification of search results are described. In one described system, a program, such as a search engine, executing on

a client device receives a search query. The search engine executes the search on a local index and receives a first result set , which is relevant to the query entered by the user. The search query is also executed against a global index. The search engine receives a second result set from the global index. Once the search engine has received both result sets, the search engine combines the result sets to create a combined result set. The search engine may cause the combined result set to be displayed or otherwise output to a user.

French Abstract
L'invention concerne des systemes et des procedes pour unifier des resultats de recherche. Dans un mode de realisation, le systeme, un programme tel qu'un moteur de recherche, fonctionnant sur un dispositif client, recoit une demande de recherche. Le moteur de recherche execute la recherche sur un repertoire local et recoit un premier ensemble de resultats, qui est valable pour la demande entree par l'utilisateur. La demande de recherche est egalement executee contre un repertoire global. Le moteur de recherche recoit un second ensemble de resultats a partir d'un repertoire global. Une fois que le moteur de recherche a recu a la fois les ensembles de resultats, le moteur de recherche combine les ensembles de resultats pour creer un ensemble de resultat combine. Le moteur de recherche peut entrainer l'ensemble de resultats combines a etre affiche ou etre delivre en sortie a un utilisateur.

Legal Status (Type, Date, Text)
Publication 20050721 A1 With international search report.

14/5/11 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01226510 **Image available**
PERSONALIZATION OF WEB SEARCH
PERSONNALISATION D'UNE RECHERCHE WEB
Patent Applicant/Assignee:
GOOGLE INC, 1600 Amphitheatre Parkway, Building 41, Mountain View, CA 94043, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
LAWRENCE Stephen R , 2400 West El Camino Real, #204, Mountain View, CA 94040, US, US (Residence), AU (Nationality), (Designated only for: US)
Legal Representative:
WILLIAMS Gary S (et al) (agent), Morgan Lewis & Bockius LLP, 2 Palo Alto Square, 3000 El Camino Real, Suite 700, Palo Alto, CA 94306, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200533979 A1 20050414 (WO 0533979)
Application: WO 2004US30258 20040914 (PCT/WO US04030258)
Priority Application: US 2003676711 20030930
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-017/30
Publication Language: English
Filing Language: English

Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 13493

English Abstract
  A system and method for creating a user profile and for using the user profile to order search results returned by a search engine. The user profile is based on search queries submitted by a user, the user's specific interaction with the documents identified by the search engine and personal information provided by the user. Generic scores associated with the search results are modulated by the user profile to measure their relevance to a user's preference and interest. The search results are re-ordered accordingly so that the most relevant results appear on the top of the list. User profiles can be created and/or stored on the client side or server side of a client-server network environment. text analysis.

French Abstract
  L'invention concerne un systeme et un procede permettant de creer un profil d'utilisateur et d'utiliser ce profil pour ordonner des resultats de recherche renvoyes par un moteur de recherche. Ce profil d'utilisateur se base sur des demandes de recherche soumises par un utilisateur, l'interaction specifique de cet utilisateur avec des documents identifies par le moteur de recherche et des informations personnelles fournies par l'utilisateur. Des notes generiques associees aux resultats de recherches sont modulees par le profil d'utilisateur afin de mesurer la pertinence de ces resultats par rapport aux preferences et aux interets de l'utilisateur. Les resultats de recherches sont re-ordonnes en consequence de facon que les resultats les plus pertinents apparaissent au sommet de la liste. Des profils d'utilisateur peuvent etre crees et/ou stockes du cote client ou du cote serveur d'un environnement de reseau client-serveur.

Legal Status (Type, Date, Text)
Publication 20050414 A1 With international search report.
Publication 20050414 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

14/5/12 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01226483 **Image available**
INFORMATION RETRIEVAL BASED ON HISTORICAL DATA
RECUPERATION D'INFORMATION BASEE SUR DES DONNEES HISTORIQUES
Patent Applicant/Assignee:
  GOOGLE INC, 1600 Amphitheatre Parkway, Building 41, Mountain View, CA 94043, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
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Patent and Priority Information (Country, Number, Date):
Patent: WO 200533978 A1 20050414 (WO 0533978)
Application: WO 2004US30000 20040915 (PCT/WO US04030000)
Priority Application: US 2003507617 20030930; US 2003748664 20031231

Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-017/30
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 14176

English Abstract
A system (125) identifies a document and obtains one or more types of history data associated with the document. The system (125) may generate a score for the document based, at least in part, on the one or more types of history data.

French Abstract
La presente invention a trait a un systeme (125) permettant l'identification d'un document de donnees et l'obtention d'un ou de plusieurs types de donnees d'historique associees au document. Le systeme (125) peut assurer la generation d'une notation pour le document en fonction, au moins en partie, dudit un ou desdits plusieurs types de donnees d'historique.

Legal Status (Type, Date, Text)
Publication 20050414 A1 With international search report.
Publication 20050414 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

? t14/69/13-15
>>>Format 69 is not valid in file 348

14/69/13 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0015184110 - Drawing available
WPI ACC NO: 2005-533702/200554
Related WPI Acc No: 2005-512100
XRPX Acc No: N2005-437038
Method for unification of search results, involves combining search results for search query from local index and global index, by replacing article identifier
Patent Assignee: GOOGLE INC (GOOG-N)
Inventor: BHATLA N ; LAWRENCE S R ; MARMAROS D; LAWRENCE S
Patent Family (2 patents, 107 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2005066842	A1	20050721	WO 2004US39366	A	20041122	200554	B
EP 1700236	A1	20060913	EP 2004811984	A	20041122	200660	E
			WO 2004US39366	A	20041122		

Priority Applications (no., kind, date): US 2003749998 A 20031231

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2005066842	A1	EN	24	3	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

EP 1700236	A1	EN	PCT Application WO 2004US39366 Based on OPI patent WO 2005066842	

Regional Designated States,Original: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

Alerting Abstract WO A1
NOVELTY - A search query is executed on a local index using local search engine and on a global index e.g. web index using web search engine. The search results from local index and global index, are combined to create a combined search result that is presented on user interface, by replacing the article identifier in the search result from global index, with the article identifier in the search result from local index.
DESCRIPTION - An INDEPENDENT CLAIM is also included for computer-readable medium storing search results unification program.
USE - For unification of search results from local index such as database, list of files, electronic mail (e-mail) application, and chat application, and global index e.g. web index of search engine operating on world wide web (WWW) such as **Google **search engine.
ADVANTAGE - Enables combining the search results from local index and global index effectively.
DESCRIPTION OF DRAWINGS - The figure shows a block diagram of a system for unification of search results.

Title Terms/Index Terms/Additional Words: METHOD; UNIFIED; SEARCH; RESULT; COMBINATION; QUERY; LOCAL; INDEX; GLOBE; REPLACE; ARTICLE; IDENTIFY

Class Codes
International Classification (+ Attributes)

IPC + Level Value Position Status Version
G06F-0017/30 A I F B 20060101
G06F-0017/30 A I R 20060101
G06F-0017/30 C I F B 20060101
G06F-0017/30 C I R 20060101

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05B3; T01-N03A2; T01-S03

14/69/14 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0015162518 - Drawing available
WPI ACC NO: 2005-512100/200552
Related WPI Acc No: 2005-533702
XRPX Acc No: N2005-417930
Search result unification method in search engine system, involves combining result sets relevant to search query and received from local index and global index, respectively
Patent Assignee: BHATLA N (BHAT-I); LAWRENCE S R (LAWR-I); MARMAROS D (MARM-I)
Inventor: BHATLA N ; LAWRENCE S R ; MARMAROS D
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20050149500	A1	20050707	US 2003749998	A	20031231	200552 B

Priority Applications (no., kind, date): US 2003749998 A 20031231

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050149500	A1	EN	10	3	

Alerting Abstract US A1

NOVELTY - A search query (114) is executed on a local index and two result sets relevant to the search query are received from the local and global indices respectively. The result sets are combined to create a combined result set.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.index response unification method; and

2.computer readable medium storing search results unification program.

USE - For unifying search results including article identifiers e.g. URL, file name, link, icon, path for local file, etc., in search engine system comprising client devices such as personal computer (PC), personal digital assistant (PDA), cellular phone, mobile phone, smart phone, pager, digital tablet, laptop computer and internet appliances.

ADVANTAGE - Facilitates effective and efficient unification of search results.

DESCRIPTION OF DRAWINGS - The figure shows a block diagram of the search engine system.

100 search engine system
112a,112b,112n users
114 search query

Title Terms/Index Terms/Additional Words: SEARCH; RESULT; UNIFIED; METHOD; ENGINE; SYSTEM; COMBINATION; SET; RELEVANT; QUERY; RECEIVE; LOCAL; INDEX; GLOBE; RESPECTIVE

Class Codes
International Classification (+ Attributes)

IPC + Level Value Position Status Version
G06F-0017/30 A I R 20060101
G06F-0017/30 C I R 20060101
US Classification, Issued: 707003000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05B1; T01-N03A2; T01-S03

14/69/15 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0014924406 - Drawing available
WPI ACC NO: 2005-272106/200528
Related WPI Acc No: 2005-757448
XRPX Acc No: N2005-223522
Search result personalization method for use in search engine, involves ranking set of identified search result documents according to personalized scores assigned to each document based on respective generic score
Patent Assignee: GOOGLE INC (GOOG-N); LAWRENCE S R (LAWR-I)
Inventor: LAWRENCE S ; LAWRENCE S R
Patent Family (5 patents, 107 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20050071328	A1	20050331	US 2003676711	A	20030930	200528	B
WO 2005033979	A1	20050414	WO 2004US30258	A	20040914	200528	E
EP 1673703	A1	20060628	EP 2004784204	A	20040914	200643	E
			WO 2004US30258	A	20040914		
BR 200414926	A	20061107	BR 200414926	A	20040914	200674	E
			WO 2004US30258	A	20040914		
JP 2007507801	W	20070329	WO 2004US30258	A	20040914	200725	E
			JP 2006533927	A	20040914		

Priority Applications (no., kind, date): US 2003676711 A 20030930

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050071328	A1	EN	26	10	
WO 2005033979	A1	EN			

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

EP 1673703	A1	EN			PCT Application WO 2004US30258 Based on OPI patent WO 2005033979

Regional Designated States,Original: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

BR 200414926	A	PT			PCT Application WO 2004US30258 Based on OPI patent WO 2005033979
JP 2007507801	W	JA	37		PCT Application WO 2004US30258 Based on OPI patent WO 2005033979

Alerting Abstract US A1
NOVELTY - A user profile is accessed based on user information including information derived from set of documents comprising search result documents, user accessed documents and corresponding link documents. A set of search result documents matching received search query , is identified. A generic score and corresponding personalized score are assigned to each identified document, based on which the documents are

ranked.
DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.search engine system; and

2.computer program product comprising embedded computer readable medium and computer program mechanism for personalizing search results.

USE - For personalizing search results acquired through search engine (claimed) in network environment such as internet.
ADVANTAGE - Security and privacy of documents searched according to user's requirement, is maintained. Different users are automatically recognized based on accessed items or accessed pattern characteristics with respect to user.
DESCRIPTION OF DRAWINGS - The figure shows the schematic representation of the information sources and user profile relationship.

Title Terms/Index Terms/Additional Words: SEARCH; RESULT; METHOD; ENGINE; RANK; SET; IDENTIFY; DOCUMENT; ACCORD; PERSON; SCORE; ASSIGN; BASED; RESPECTIVE

Class Codes
International Classification (Main): G06F-017/30
International Classification (+ Attributes)

IPC + Level	Value	Position		Status	Version
G06F-0017/30	A	I		R	20060101
G06F-0017/30	A	I	F	B	20060101
G06F-0017/30	C	I		R	20060101
G06F-0017/30	C	I		B	20060101

US Classification, Issued: 707003000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05B3; T01-N01D2; T01-N02B1; T01-N02B2A; T01-N03A2; T01-S03